

Schlumberger Oilfield Services

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Intellectual Property Law & Contracts  
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**Schlumberger**

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

Docket No.: 19.0302  
Total Pages = 91

Re: **Application of:** Kais Gzara and Iain Cooper  
**For:** Method of Kick Detection and Cuttings Bed Buildup Detection using a Drilling Tool  
**Full Names of Inventor(s):** Kais Gzara and Iain Cooper

- ☒ 37 CFR 1.53(b) UTILITY PATENT APPLICATION TRANSMITTAL, or
- ☐ 37 CFR 1.53(b) CONTINUING APPLICATION OF PRIOR APPLICATION  
NO. \_\_\_\_\_
- ☐ Continuation  
☐ Divisional  
☐ Continuation-in-part (CIP)

In accordance with 37 CFR 153(b) enclosed are:

- 1 ☒ Fee Transmittal Form (Original & Duplicate)= 4 pages  
2 ☒ Patent Application Total No. Pages = 57  
3a ☒ Informal Drawings Total No. Pages = 27  
3b ☐ Formal Drawings Total No. Pages =  
4 ☒ Oath or Declaration Total No. Pages = 3 (Unsigned-includes Power of Attorney)  
4a ☐ Newly Executed (Original or Copy)  
4b ☐ Copy from Prior Application (37 CFR 1.63(d)) for Continuation/Divisional noted above  
4c ☐ Deletion of Inventors (Signed Statement Deleting Inventors Named in Prior Application  
37 CFR 1.63(d)(2) and 1.33(b)  
5 ☐ Incorporation by Reference (Usable if 4b is checked) Entire Disclosure of Prior Application, from  
which a copy of the oath for declaration is supplied is considered as being part of the disclosure of the  
accompanying application and is hereby incorporated by reference therein  
6 ☐ Amend the specification by inserting before the first line the sentence:  
This is a ☐ continuation ☐ continuation-in-part ☐ division of  
application serial no. \_\_\_\_\_ filed \_\_\_\_\_  
7 ☐ The prior application is assigned to SCHLUMBERGER TECHNOLOGY CORPORATION.

**Accompanying Application Parts**

- 6 ☐ Assignment Papers (Cover Sheet & duplicate & document(s))=  
7 ☐ 37 CFR 3.73(b) Statement  
☐ Power of Attorney  
8 ☒ Information Disclosure Statement (IDS) & duplicate & PTO-1449= 4 pp.  
☒ Copies of 20 Citations  
9 ☐ Preliminary Amendment  
10 ☒ Return Receipt Postcard (MPEP 503)  
11 ☐ English Translation Document  
12 ☐ Certified Copy of Priority Document (if Foreign Priority is Claimed)  
13 ☐ Other:

CLAIMS AS FILED				
(1) FOR	(2) NUMBERS FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTAL
BASIC FEE				\$710
TOTAL CLAIMS	23-20=	3	x\$18	54
INDEPENDENT CLAIMS	3-3=	0	x\$80	
ADDITIONAL FEE FOR FILING ONE OR MORE MULTIPLE DEPENDENT CLAIMS \$270				
TOTAL FILING FEE				\$764
RECORDING FEE <input type="checkbox"/> SEE ATTACHED PTO 1595 <input checked="" type="checkbox"/> TO BE SUBMITTED LATER				

Please charge Deposit Account No. 19-0610 for the above written total amount and any additional fees or credit any over-payment to Deposit Account No. 19-0610.

Please send all correspondence to the following correspondence address: Office of Patent Counsel, Schlumberger Oilfield Services, P.O. Box 2175, Houston, TX 77252-2175. **Our Customer Service No. is 23718.**

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Pam Rahmatdoost  
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Respectfully Submitted,

Signature: Brigitte L. Jeffery  
 Name: Brigitte L. Jeffery  
 Reg. No. 38,925  
 Date: 21 September 2001